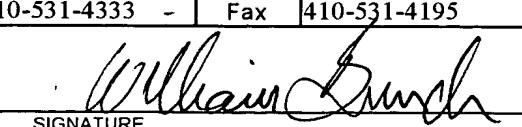


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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER W9643-02 U.S. APPLICATION NUMBER (If known, see 37 CFR 1.5) <b>10/564842</b>
INTERNATIONAL APPLICATION NO. PCT/US2004/021998	INTERNATIONAL FILING DATE 09 July 2004	PRIORITY DATE CLAIMED 11 July 2003
TITLE OF INVENTION Abrasive particles for Chemical Mechanical Polishing		
APPLICANT(S) FOR DO/EO/US CHU, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Express Mail Certificate; Postcard</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known) (See 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
107504842		PCT/US2004/021998		W9643-02					
21. The following fees are submitted:									
<input checked="" type="checkbox"/> a) Basic national fee..... <input checked="" type="checkbox"/> b) Examination fee..... <input checked="" type="checkbox"/> c) Search fee..... 		(Fee Code 1631) \$300 (Fee Code 1633) \$200 (Fee Code 1632) \$400							
TOTAL OF ABOVE CALCULATIONS =									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE (Fee Code 1681)					
- 100 =	0 /50 =	0		×	\$0				
<input type="checkbox"/> Surcharge of (Fee Code 1617) for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$0									
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE					
Total claims		22 - 20 =	2	×	(Fee Code 1615) \$50				
Independent claims		3 - 3 =	0	×	(Fee Code 1614) \$0				
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+	(Fee Code 1616) \$0				
TOTAL OF ABOVE CALCULATIONS = 1,000									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. \$0									
SUBTOTAL = \$1,000									
<input type="checkbox"/> Processing fee of (Fee Code 1618) for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$0									
TOTAL NATIONAL FEE = \$1,000									
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). (Fee Code 8021) per property + \$ \$0 x= number of Properties									
TOTAL FEES ENCLOSED = \$ \$1,000									
<table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$ \$1,000</td> </tr> </table>						Amount to be refunded:	\$	Amount to be charged:	\$ \$1,000
Amount to be refunded:	\$								
Amount to be charged:	\$ \$1,000								
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 07-1770 in the amount of \$1000 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1770. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Name	William D. Bunch								
Address	W R Grace & Co.-Conn, Patent Department, Legal Services Group 7500 Grace Drive								
City	Columbia	State	MD	Zip Code	21044				
COUNTRY	USA	Telephone	410-531-4333	Fax	410-531-4195				
 SIGNATURE									
William D. Bunch									
NAME									
35027									
REGISTRATION NUMBER									

10/564842

IAP20 Rec'd PCT/PTO 11 JAN 2006

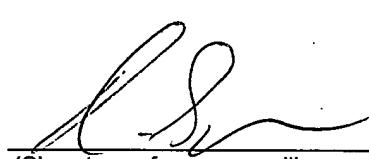
"EXPRESS MAIL" - Mailing Label No. EV371448121 US

Date of Deposit: 01/11/2006

I hereby certify that a transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 (3 copies); copy of International Application as published; copy of Declaration & Power of Attorney Inventor: CHU et al. for "**Abrasive Particles for Chemical Mechanical Polishing**" are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service on the dated indicated above and is addressed to Mail Stop Patent Applications, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Rachel H. Scriven

(Typed or printed name)



(Signature of person mailing paper or fee)

Attorney Docket No. W9643-02